Smart Home Controller
User Manual

V1. 0.1

Catalogue

1. Product 2
2. Product description 3
Wiring 3
Application 4
3. Local setting and operation 5
Software loading 5
WiFi connection 5
Local ID setting 6
Appliance Adding 7
Appliance Editing 9
Scenarios mode 9
Timer Setting 11
4.Local Operation 13
5.Remote Setting 14
Home routers parameter Settings 14
Smart Home Controller parameter Settting 17
Regional Account Settings 24
Remote Video Monitor 25
Product Introduction 26

Product Introduction

Application:
Hotel room , office building, Lobby, villa and other entertainment places

Products Specification

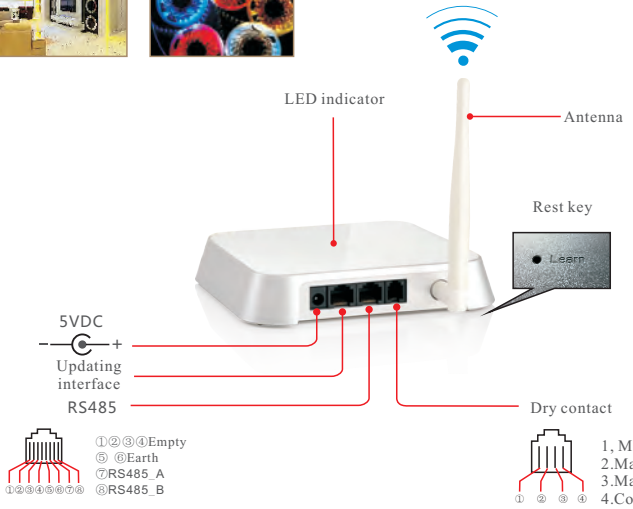
- Set up network by WiFi and router, to achieve raying function and local singnal distance.
- RF control totally more than 60 appliances(available for adding appliances)
- Support electric window blinds, motorized projection screen, motorized garage door, switch with touch screen, wireless switch, LED, dimmer, IP camera, motorized cloth rack, IR controller converter etc.
- Support Iphone, Ipad, Ipod touch, android system mobile and tablet PC, also software.
- 8 modes control by one button, like away mode, at home mode, sleep mode, reading mode. Etc.
- Support 20 group timing mode.
- Remote management by ID and code, Local network through IP landing.
- Available for adding appliances, setting modes and timing mode.
- Anywhere with network is available for A-OK intelligent controller to control your appliances, remote all of your worries.

Parameters

Product name	Voltage	Working current	Working temp	IP	User	Pass word	The quantity of equipment	Software application
Smart home	DC5V	≤1A	-20℃~+55℃	192.168.2.1	admin	Admin9999	≤60	Panel computer Smart phone

2、Wiring

2.1 Wiring Instruction

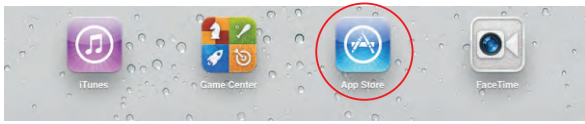


2.2 Application

Realize home intelligent control through the intelligent mobile phone and Ipad wireless equipment

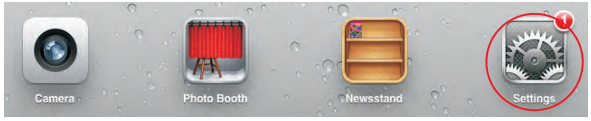
3、Setting and operation for local control *Ipad for example

3.1 Local setting for centra control



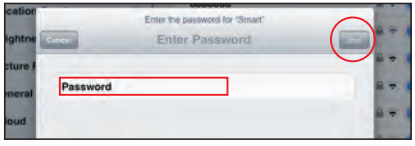
Apple ISO system,please visit Apple store online to download the software
Android system,please visit AOK website www.aoksz.com "techinical support"
"download center" to download the software

3.2 WiFi connection



① Choose “setting” ico

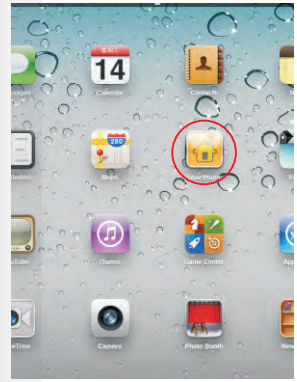
② Connect with “Smart” WiFi in the “wireless LAN”



③ input WiFi pass code,default:88888888(eight8)

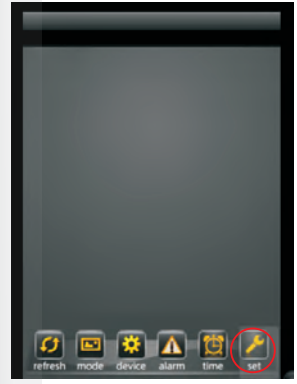
3.3 Local ID Setting

Please make sure you had connected with WiFi

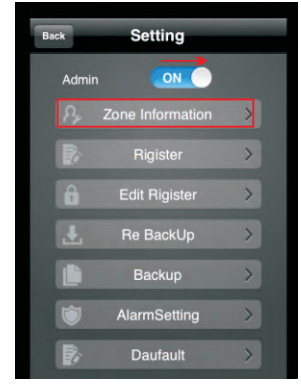


3.3.1 Choose Ico, launch the software.

3.3.2 Enter into login system, login then to set

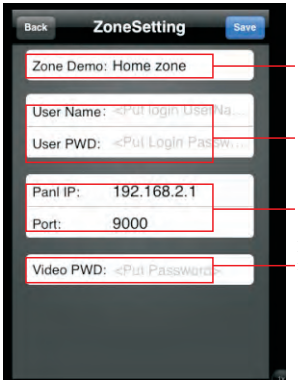


3.3.3 Choose “set”, enter into set system



3.3.4 Open “Superuser “, then choose “regional information”

PS: each left button stands for: refresh, mode setting, appliances setting, alarm, timing setting, software setting



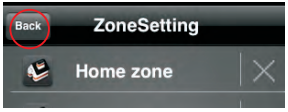
Regional description within 7 chinese or 22 letters

For remote login
ID and pass code please use successfully registered in the following conter control

For local login

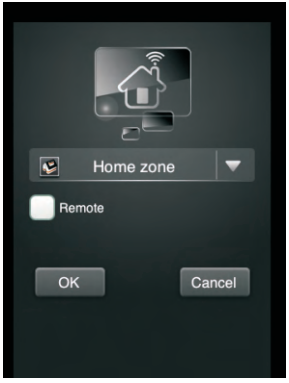
For remote login ID and pass code please use successfully registered in the following conter control

3.3.5 Fill the "host addr." "HPI" and other related information, after preservation , Turn to "Back"

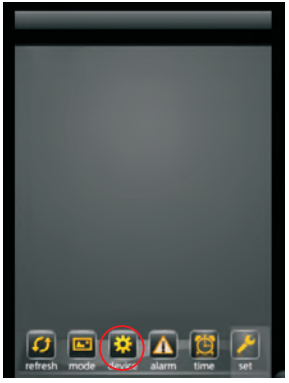


3.3.6 Local ID set successfully, choose "Back" turn to main interface

3.4 Appliance editing

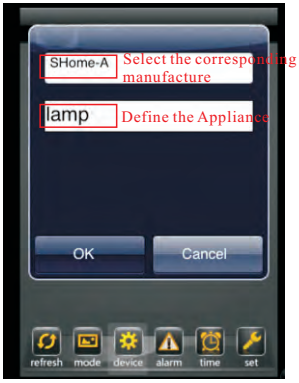


3.4.1 Enter into login screen, choose local ID to login in



3.4.2 Please choose "device" ico to add new appliance

3.4.3 Please choose ico to add appliances. For example add light



3.4.4 Choose manufacturer, define the product name. SHomeA is default, fit for all kinds of A-OK products, for other appliances, please choose SHome

3.4.5 Appliances added successfully, as illustrated.

3.4.6 Appliances add as above, as illustrated

3.5 Appliances edit

3.5.1 Keep press the appliance ico till pop up the setting dialog box

3.5.2 Setting or deleting appliances, choose “OK”

3.6 Scenarios mode

3.6.1 Choose “mode” setting ico.

3.6.2 Keep press “Leaving Mode” to set (other mode setting is the same)

3.6.3 Choose appliance ico,like “Roller Blinds”

3.6.4 Choose “OK”

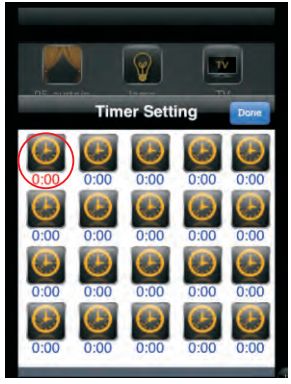
3.6.5 “Roller Blinds” added successfully, Choose open or close under the mode

3.6.6 The same way for other ico setting, press to save all settings, as above illustrated

3.7 Timing setting

Support 20 group, The concrete Command of the appointed appliances carries out in the appointed time, such as: “Curtain motor” open at every 7:00 a.m, setting as following:

3.7.1 Choose setting ico



3.7.2 Choose one of the icos to set a timer

3.7.3 Choose the required appliance, like “Curtain motor”

3.7.4 Choose “OK”

3.7.5 Curtain motor add successfully, Choose “Open” or “Close”, choose 0:00 to set timer

3.7.6 Choose expected time and week, Selected then turn “Back”

3.7.7 The same like above method to add new appliances, choose ico

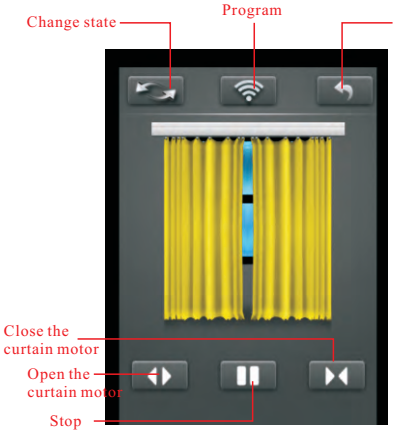
3.7.8 Choose “OK”, timer setting successfully

4. Local operation of the centra control

Take some of the appliances' setting for example, others the same

4.1 Curtain motor control

4.1.1 Choose curtain motor Ico



4.1.2 Program the curtain motor

4.2 TV

4.2.1 Choose LCD TV

4.2.2 PROG LCD TV

5、Host Remote Setting

5.1 . Home router parameter setting

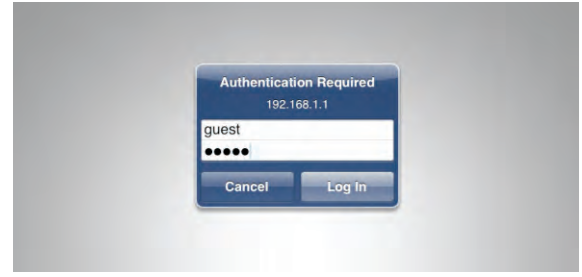
5.1.1 Connecting home router through WiFi, open the browser, type into the IP address in the address bar(eg: 192.168.1.1), as following:(the router setting instruction use LEIKE router interface's)

① Connect with your home WiFi

② Select the browser ico

③ Input your home router IP:192.168.1.1

5.1.2 Enter the router's user name and pass code to access into the router



5.1.3 Enter into “Security Settings ” page, like following, please record the following information :

“SSID”(the router WiFi name) “Security mode ” “Encryption Rule” “Secret key”
(The pass code for connecting with WiFi) (The following information of some routers appear in basic setting and security sedtting)

5.1.4 Wireless Settings: enter into wireless setting interface, record following parameter:

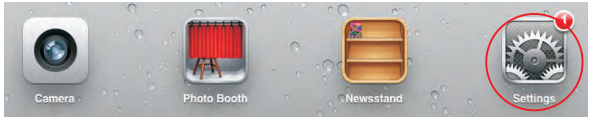
5.1.5 Forwarding rule setting: enter into forwarding interface, choose virtual server .
Enter into the following interface after click “Add a new entry”:
When set server port number , the port should be the same as host's, the best range will be 9000-9600, recommended to use 9000, Should this port already be occupied, such as 9001, 9002, 9003...
IP for forwarding(IP for host outer net), recommended is to choose unused IP, avoid the IP confliction when use, the IP of the host is fixed, will be used in the following contra control setting

5.1.6 Choose 'SAVE”and then remind “set successfully!”

5.2 The parameter setting of the host

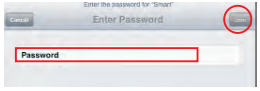
Apple ISO system, please visit Apple store online to download the software
Android system, please visit our website to download the software

5.2.1Power on the host, Connect with WiFi for the IPad, default pass code: 88888888



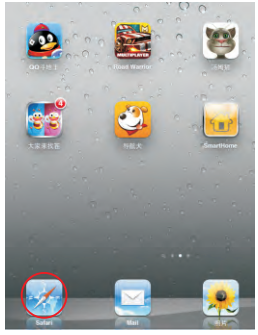
① Choose "Setting" ico

② Connect with "Smart" WiFi



③ Input WiFi default pass code: 88888888(eight 8)

5.2 .2 Login into the main setting interface: open the browser, input default IP at address bar:192.168.2.1. Press Enter. User name: admin, pass code: Admin9999(Case sensitive), Pass code can be changed in the following "Wireless" item of the centra control setting.



① Select the browser ico

② Input IP:192.168.2.1

③ Input the login pass code.
User name: admin
Pass code: Admin9999

5.2.3 Trunk Setting :once finish can connect with internet

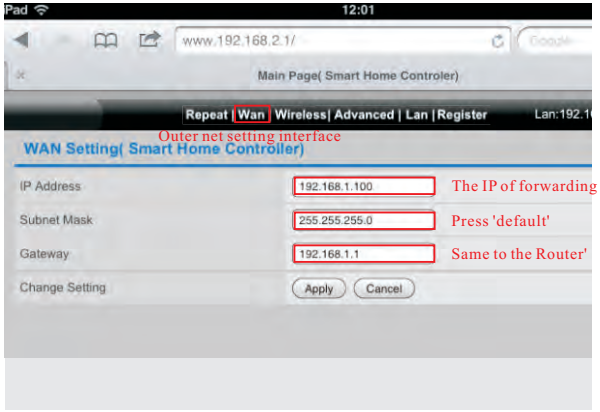
① Choose the router WiFi in "Refresh the list to access points ", the SSID, channel, encryption will be updated and uploaded automatically, you only need to input the wireless pass code. Press "Apply", the host will restart, starting completed, please connect the host again.

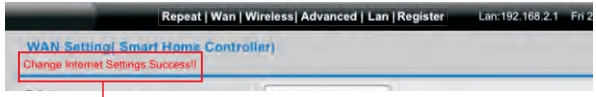
Choose WiFi for the target router, the related information will be uploaded on above trunk setting, pass code should be set manually.

Central control set successfully!

② Tips appear if the trunk set successfully
Network testing: Trunk setting finished, please connect WiFi of the host, The browser is workable means the trunk set successfully, otherwise means failed, please check related settings.

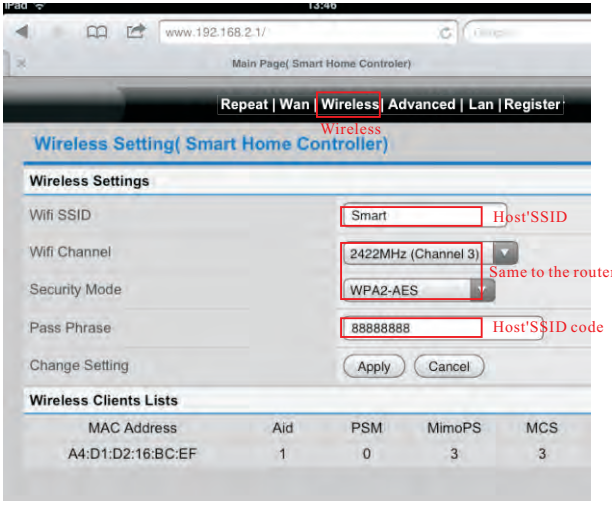
6.2.4 Outer net setting: enter into the host outer net setting, IP setting: input the IP address(the router's fixed IP) set in the forwarding rule earlier, Subnet mask: 255.255.255.0, The router's loading IP will be the default gateway, then press “Apply”




Repeat | Wan | Wireless| Advanced | Lan | Register
Lan:192.168.2.1
WAN Setting(Smart Home Controller)
Change Internet Settings Success!!

Outer net of the host set successfully!

5.2.5 Wireless setting: Setting for the host SSID, Channel, encryption and pass code, then press Enter.

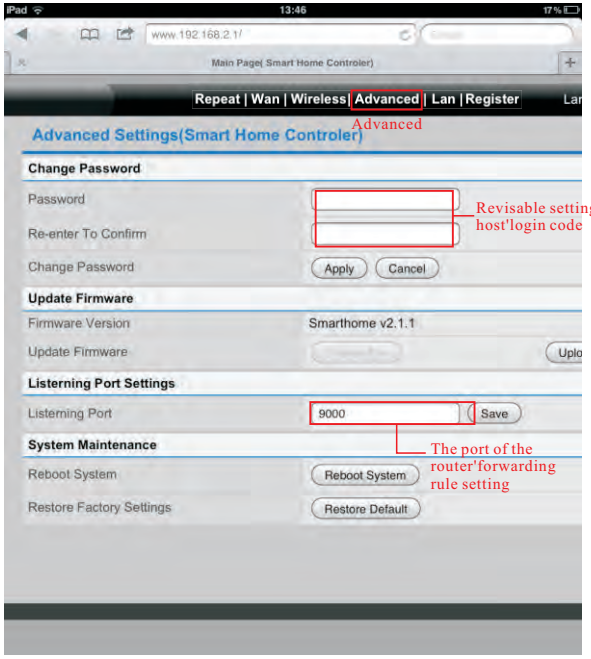


Repeat | Wan | Wireless| Advanced | Lan | Register
Lan:192.
WAN Setting(Smart Home Controller)
Change Internet Settings Success!!

The host wireless parameter set successfully!

The host off after 10s and then restart ,input the host IP:192.168.2.1,and then login

5.2.6 Advanced Setting: Port Mirroring setting, means open the external network access port for the host

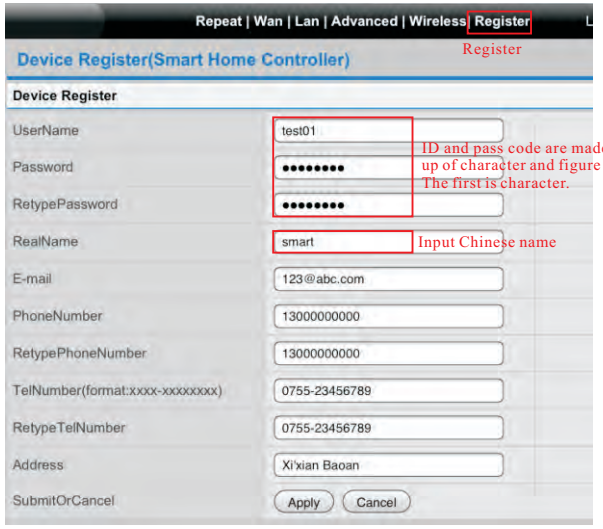


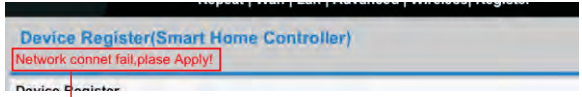
5.2.7 Intranet setting: the centra control is : 192.168.2.1, others as default, then press “Apply”

Intranet parameter set successfully!

If the default IP of host'gateway is revised,turn off the host after 10s and then restart . input the new IP and then login the host.

5.2.8 Register:
input information, register in the server for outer net control and remote control





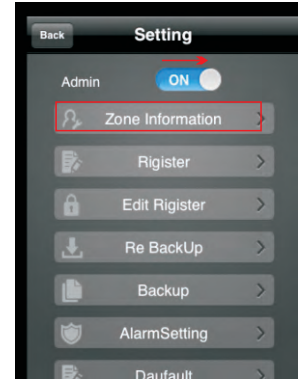
Register successfully!

After registering, the remote control can be fulfilled by mobile phone.

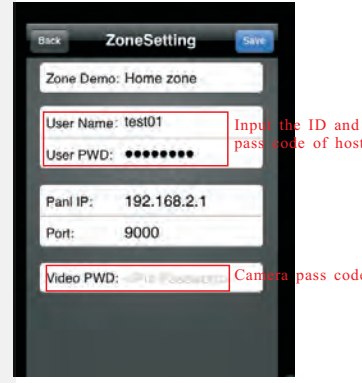
5.5 Centra control reginal ID setting

First please make sure the net of your mobile/ tablet PC is connected, if not please check the set between the router and centra control is correct.

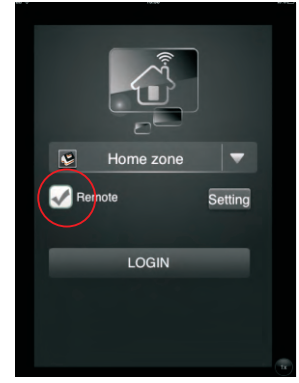
5.3.1 Input the browser address for checking, make sure the net is connected, if not please check the setting between router and centra control is correct.



5.3.2 Enter into the software setting interface, choose reginal information in the power user.



5.3.3 Input the ID and pass code set earlier for remote control, back to login interface after saving.



5.3.4 Please check the remote when remote control required.

5.4 Remote Video Surveillance requirements

1. Able to login remotely
2. Need camera support

5.4.1 add Video appliances

5.4.2 IP and parameter of the video pass code setting, Choose “OK”

5.4.3 Video appliances added successfully, open and into

5.4.4 Video monitoring effects

6. Trouble and slove method

Troubles	Trouble analysis	Solve method
Control host connect with the power,but can not work normally,smoking or bursting	Use the wrong transformer	Please use the original standard DC5V/1A transformer
When you at home use phone or copmuter to control the control host by local WiFi but no reaction	a.connect to the wrong WiFi b.far away from the control host, the WiFi signal is very weak c.when you set the control host, you did not disconnect the power and restart the control host	a.connect with the correct control host WiFi b.avoid from the wall or building floor or obstacle c.restart the control host
Failed connect internet via the control host WiFi	a.control host"Trunk Setting" set failed; b.the router has not set forwarding interface; c.the router has the safe limit to internet.	a.please check the control host "trunk setting"set parameter b.set the router forwarding interface c.let router allow the control host surf internet
Control host "register" set failed	a.can not on internet via the control host WiFi b.already registered, but repeat register cause the register was locked	a. connect the control host WiFi to the internet b.please contact the service supplier to release
Control host can not login via long-distance control and can not visit the long-distance control	a. the control host power off b.long-distance user name and password incorrect c.register many times, the user name was locked d. the control host is not connect to the first-level router e. control host long-distance set incorrect	a.let the control host work normally b.type the registed user name and password c.ask the service supplier to release d.ensure the control host is work under the first-level router e.recheck the long-distance setting parameter
Household electronical equipment can not program	When you add the home use electronic equipment, choose the incorrect company name	″Shome-A" is only used for AOK series products,other household electronical equipment please choose the "Shome"
The control host reset failed	Press " reset " button very short time	Please press the "reset" button for more than 7 seconds